

COC # 58

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## CHAIN OF CUSTODY REPORT

Work Order #: M106014

CLIENT: Bristol		INVOICE TO: Bristol												<b>TURNAROUND REQUEST in Business Days*</b> Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> <div>10 7 5 4 3 2 1 &lt;1</div> <div>STD. 5 4 3 2 1 &lt;1</div> </div> Petroleum Hydrocarbon Analyses <div style="display: flex; justify-content: space-around;"> <div>5 4 3 2 1 &lt;1</div> <div>STD. OTHER _____</div> </div> Please Specify *Turnaround Requests less than standard may incur Rush Charges.				
REPORT TO: Anne Krukowski		P.O. NUMBER: 21090																
ADDRESS: Amchitka Island, AK																		
PHONE: 770-0974 FAX: 770-0975																		
PROJECT NAME: Amchitka		REQUESTED ANALYSES																
PROJECT NUMBER: 21090																		
SAMPLED BY: ARK/cam																		
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	HCT													MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1. OIAMAG01SL	6/6/01 1540	X													S	1		
2. OIAMAG02SL	6/6/01 1545	X													S	1		
3. OIAMAG03SL	6/6/01 1550	X													S	1		
4. OIAMAG04SL	6/6/01 1555	X													S	1		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		
11.																		
12.																		
13.																		
14.																		
15.																		

RELINQUISHED BY: <i>Charlie Marshall</i>		DATE: 6/6/01		RECEIVED BY: <i>Craig Brodke</i>		DATE: 6/6/01	
PRINT NAME: Charlie Marshall		FIRM: Bristol		PRINT NAME: Craig Brodke		FIRM: NCA	
RELINQUISHED BY:		DATE:		RECEIVED BY:		DATE:	
PRINT NAME:		FIRM:		PRINT NAME:		FIRM:	

ADDITIONAL REMARKS:															TEMP:	PAGE 1 OF 1
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**Seattle** 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223  
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6 December, 2001

Anne Kranawetter  
Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/06/01 18:05. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson  
Environmental Group Leader

Work Orders included in this report:

**M106014**



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Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

Project: Amchitka  
Project Number: 21090  
Project Manager: Anne Kranawetter

**Reported:**  
06/08/01 16:09

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMA601SL	M106014-01	Soil	06/06/01 15:40	06/06/01 18:05
01AMA602SL	M106014-02	Soil	06/06/01 15:45	06/06/01 18:05
01AMA603SL	M106014-03	Soil	06/06/01 15:50	06/06/01 18:05
01AMA604SL	M106014-04	Soil	06/06/01 15:55	06/06/01 18:05

COC # 58

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**North Creek Analytical, Inc.**  
**Environmental Laboratory Network**

1 of 4



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**Reported:**  
06/08/01 16:09

### Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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#### 01AMA601SL (M106014-01) Soil

Sampled: 06/06/01 Received: 06/06/01

Gasoline Range Hydrocarbons	ND	9.55	mg/kg	1	NWTPH HCID	06/07/01	06/07/01	0106022	
<b>Diesel Range Hydrocarbons</b>	<b>557</b>	23.9	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	47.8	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>127 %</i>	<i>50-150</i>							

#### 01AMA602SL (M106014-02) Soil

Sampled: 06/06/01 Received: 06/06/01

Gasoline Range Hydrocarbons	ND	9.82	mg/kg	1	NWTPH HCID	06/07/01	06/07/01	0106022	
<b>Diesel Range Hydrocarbons</b>	<b>827</b>	24.6	"	"	"	"	"	"	
<b>Heavy Oil Range Hydrocarbons</b>	<b>111</b>	49.1	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>131 %</i>	<i>50-150</i>							

#### 01AMA603SL (M106014-03) Soil

Sampled: 06/06/01 Received: 06/06/01

Gasoline Range Hydrocarbons	ND	9.49	mg/kg	1	NWTPH HCID	06/07/01	06/07/01	0106022	
Diesel Range Hydrocarbons	ND	23.7	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	47.4	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>112 %</i>	<i>50-150</i>							

#### 01AMA604SL (M106014-04) Soil

Sampled: 06/06/01 Received: 06/06/01

Gasoline Range Hydrocarbons	ND	9.13	mg/kg	1	NWTPH HCID	06/07/01	06/07/01	0106022	
Diesel Range Hydrocarbons	ND	22.8	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	45.7	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>114 %</i>	<i>50-150</i>							

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Project Number: 21090  
Project Manager: Anne Kranawetter

**Reported:**  
06/08/01 16:09

### Hydrocarbon Identification per NW-TPH Methodology - Quality Control

#### North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 0106022 - TPH-HCID (WA)

##### Blank (0106022-BLK1)

Prepared & Analyzed: 06/07/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg
Diesel Range Hydrocarbons	ND	25.0	"
Heavy Oil Range Hydrocarbons	ND	50.0	"

<i>Surr: 1-Chlorooctadecane</i>	<i>11.6</i>		<i>"</i>	<i>10.0</i>	<i>116</i>	<i>50-150</i>
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06/08/01 16:09

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.  
wet Sample results reported on a wet weight basis (as received)  
RPD Relative Percent Difference

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### Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106014 FINAL 06 08 01 1609.mdb Default Report (not modified)